

TECHNICAL SPECIFICATION

Lan Cable



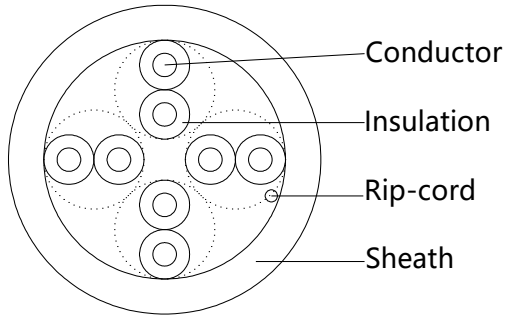
A	July 22, 2024	Vivian	Mr. Jiang	Hugo
Version	Date	Prepared	Reviewed	Approved

Address: No. 88 Qixin Road, NETDA, Nantong, Jiangsu, P.R. China, 226009

Tel: +86 513 8010 0986 | E-mail: sales@zttgroup.com | Website: www.zttgroup.com

Product Description: U/UTP CAT5E 24AWG PVC-anti UV
Reference standard: ISO/IEC 11801, TIA/EIA 568C.2, IEC 60332-1-2
Rated temperature range: 0-60 °C
Data Sheet

Structure	Construction		U/UTP
	Number of pairs		4Pairs
Conductor	AWG		24AWG
	Material		Solid Bare Copper
	Conductor dimension (mm)		1/0.5±0.01
Insulation	Insulation Material		PE
	Insulation dimension(mm)		0.9
Pairs	1	White/Blue (Stripe) & Blue	
	2	White/Orange (Stripe) & Orange	
	3	White/Green (Stripe) & Green	
	4	White/Brown (Stripe) & Brown	
Filler	Filler material		N/A
Binder	Binder material		N/A
Shield	Individual shield & material		N/A
	Primary overall shield & material		N/A
	Secondary overall shield & material		N/A
	Shield coverage		N/A
	Drain wire		N/A
Outer jacket	Outer jacket material		PVC anti UV
	Thickness(mm)		0.5±0.1
	Overall dimension (mm)		5.0±0.5
	Outer jacket colour		As per customer request
	Rip cord		Yes
Packing	Per customer request		
Marking	Marking color shall be black printing except black jacket with white printing.		
Performance requirement: 100M FLUKE Channel Pass			
Environmental protection grade: RoHS 2.0			



Electrical Characteristics	Impedance: 100Ω
	Max. delay skew ≤ 45 ns/100 m
	Max. conductor resistance 93.8Ω/km
	Max. conductor resistance unbalance 5% (@ 20 °C)
	Min. insulation resistance 5000 MΩ·km
	Mutual capacitance: ≤5.6 nF/100m @1kHz